

Title (en)  
ORGANIC LIGHT-EMITTING DISPLAY PANEL AND ORGANIC LIGHT-EMITTING DISPLAY DEVICE HAVING BULIT-IN TOUCHSCREEN

Title (de)  
ORGANISCHE LICHEMITTIERENDE ANZEIGETAFEL UND ORGANISCHE LICHEMITTIERENDE ANZEIGE MIT EINGEBAUTEM  
BERÜHRUNGSBILDSCHIRMQUERVERWEIS AUF VERWANDTE ANMELDUNG

Title (fr)  
Panneau d'affichage électroluminescent organique et afficheur électroluminescent organique intégrant un  
écran tactile de référence croisée pour applications associées

Publication  
**EP 3299940 A1 20180328 (EN)**

Application  
**EP 16207505 A 20161230**

Priority  
KR 20160122352 A 20160923

Abstract (en)  
An organic light-emitting display panel having a built-in touchscreen and an organic light-emitting display device having a built-in touchscreen is disclosed. The organic light-emitting display panel includes a plurality of subpixels defined therein by a plurality of data lines and a plurality of gate lines, an encapsulation layer having an encapsulating function, and a color filter layer located on the encapsulation layer. The organic light-emitting display device includes the organic light-emitting display panel. Both the organic light-emitting display panel having a built-in touchscreen and the organic light-emitting display device having a built-in touchscreen is provided with a structure enabling a touchscreen disposed therewithin.

IPC 8 full level  
**G06F 3/041** (2006.01); **H01L 27/32** (2006.01)

CPC (source: CN EP KR US)  
**G06F 3/041** (2013.01 - US); **G06F 3/0412** (2013.01 - EP KR US); **G06F 3/04164** (2019.05 - EP KR US); **G06F 3/044** (2013.01 - CN);  
**G06F 3/0443** (2019.05 - EP KR US); **H10K 50/828** (2023.02 - US); **H10K 50/84** (2023.02 - US); **H10K 50/865** (2023.02 - US);  
**H10K 59/38** (2023.02 - KR); **H10K 59/40** (2023.02 - CN EP KR US); **G06F 2203/04111** (2013.01 - US); **G06F 2203/04112** (2013.01 - US);  
**H10K 50/844** (2023.02 - US); **H10K 59/38** (2023.02 - EP US); **H10K 59/873** (2023.02 - CN EP KR); **H10K 59/8792** (2023.02 - CN EP KR)

Citation (search report)  
• [XY] KR 20160017336 A 20160216 - LG DISPLAY CO LTD [KR]  
• [Y] WO 2015088629 A1 20150618 - PYLEMTA MAN LLC [US]  
• [Y] EP 3026710 A1 20160601 - LG DISPLAY CO LTD [KR]  
• [Y] US 2016260780 A1 20160908 - KIM MU GYEOM [KR], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3299940 A1 20180328**; **EP 3299940 B1 20221130**; CN 107871760 A 20180403; CN 107871760 B 20210831; JP 2018049253 A 20180329;  
JP 2019110127 A 20190704; JP 6466394 B2 20190206; JP 6767522 B2 20201014; KR 20180033360 A 20180403; TW 201814460 A 20180416;  
TW I627570 B 20180621; US 10386956 B2 20190820; US 2018088726 A1 20180329

DOCDB simple family (application)  
**EP 16207505 A 20161230**; CN 201611233480 A 20161228; JP 2016253761 A 20161227; JP 2019001234 A 20190108;  
KR 20160122352 A 20160923; TW 105143710 A 20161228; US 201615391625 A 20161227